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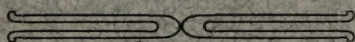
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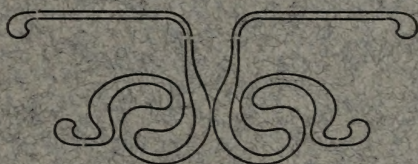


Howell

Nurseries,



Knoxville, = = Tennessee.



*Economic Collection
Bureau of Plant Industry*

1904

To Our Patrons:

We wish to thank one and all for the liberal patronage extended to us the past season. The stock we have to offer this fall will be first-class in every respect, and we feel sure of our ability to please you.

Publication of this list abrogates all previous quotations.

Terms of Payment,

Cash or satisfactory security before shipment of goods. Remit by money order, bank draft or express money order.

We guarantee our trees and plants to be genuine and in good healthy condition at time of delivery, and hold ourselves prepared to replace, upon proper proof all that may prove otherwise, but it is mutually agreed between the purchaser and ourselves that we are not responsible for a greater amount than the original price of trees. More than this we do not guarantee.

Replacing Trees.

Some persons so neglect or so badly plant their trees as to cause their loss, still they believe that the nurseryman should be responsible, and replace them. We desire to say that if our suggestions for planting, pruning and cultivating are followed, little or no loss will result. But we cannot be held responsible for unfavorable seasons or other causes beyond man's control, and the purchaser must take the same risk that we do in that respect. We guarantee trees to be healthy, fully up to grade, true to name and carefully packed, but do not insure their living after having passed out of our hands and care.

Suggestions to Tree Planters,

The judicious and tasteful planting of fruit and ornamental trees enhances the value of real estate more than an equal amount of money invested in any other way.

The best time for planting evergreen trees is in the spring. The best time for planting deciduous trees is during the autumn and early spring. Success in tree planting depends more upon the proper performance of the work and on the weather during the following season, than on the exact time when the work is done.

Trees should be planted about the same depth that they grew in the nursery, this is easily seen by the earth-stain on the bark.

Don't twist or crowd the roots into too small a hole; dig a large hole, and spread the roots out naturally; fill the earth well among them, leaving no cavities or air spaces, and pack firmly.

Frequent stirring of the soil, and mulching with coarse manure, straw, leaves or stones is very beneficial to newly planted trees, and is a valuable means of retaining moisture in the soil.

Many trees either die at once, or stand still and do not grow much for several years, because the land is too poor. Stable manure, and enough of it is the best remedy. Ground bones, wood ashes or potash in almost any form are excellent fertilizers for trees.

Watering in dry weather is very beneficial if properly done, but is labor lost if done stingily and superficially. Soak the ground thoroughly when it needs it.

It is not possible to avoid all risks in transplanting; the art will never be so perfected that some trees will not die.

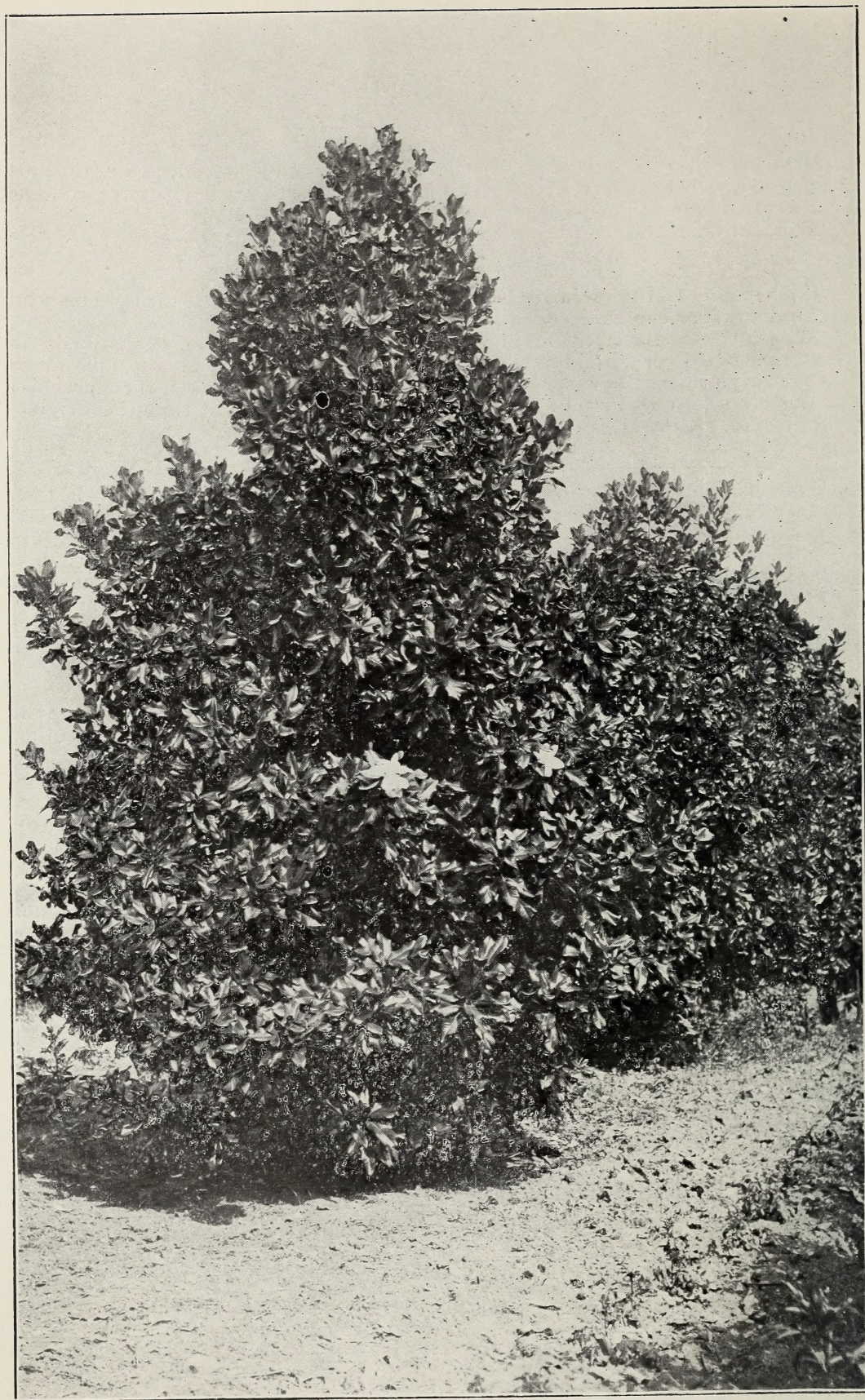
Fumigation.

We are prepared to fumigate all stock destined to States requiring such. Will fumigate other stock when so requested.

Howell Nurseries,

Old 'Phone 703,

R. F. D. No. 4.



Magnolias.

Magnolia Grandiflora, Great-Flowered Magnolia. This broad-leaved southern evergreen, the finest species of all, flourishes in favored positions as far north as Pennsylvania. Its flowers are deep broad cups of waxen white; they are deliciously fragrant, and begin to appear while the tree is quite small.

	Each	Per Doz.
<i>Magnolia Grandiflora</i> , 6 feet, many bloomed this year.....	\$3.00	\$30.00
<i>Magnolia Grandiflora</i> , 4 feet.....	1.50	12.50
<i>Magnolia Grandiflora</i> , 2 feet.....	1.00	10.00
<i>Magnolia Glauca</i> , (sweet bay), 4 to 5 feet.....	.50	5.00
<i>Accuminata</i> (cucumber), 5 to 6 feet.....	.50	
<i>Magnolia Soulangeana</i> (Japanese), 7 feet.....	2.00	

Evergreen Trees and Shrubs.

Arborvitae, American.—*Thuja Occidentalis*. A handsome tree of regular and symmetrical habits.

Growth thick and bushy; one of the best and most useful evergreens; excellent for screens and hedges.

<i>Arborvitae</i> , American, 4 to 5 feet.....	.50	5.00
<i>Arborvitae</i> , American, 3 to 4 feet.....	.25	2.50
<i>Arborvitae</i> , Golden, 4 feet.....	.15	1.50
Boxwood, 5 feet.....	2.50	
Boxwood, (sheared), 4 feet.....	2.00	20.00
Boxwood, 3 feet.....	1.00	10.00
Boxwood, 2 feet.....	.50	5.00
Boxwood, 1 foot.....	.25	2.50

Crataegus Pyracantha, the beautiful Evergreen Thorn, is a low shrub of irregular, picturesque growth. In May it is a mass of sweet white flowers, which are followed by orange Scarlet fruits through Autumn and winter. The leaves are rich and glossy. It is used for covering stone walls, for hedges, rock work, etc., with fine effect, and is a shrub of distinction and beauty.

<i>Crataegus Pyracanthae</i> (evergreen thorn), 3 feet.....	.50	5.00
<i>Enonymus Japonica</i> , 2 feet.....	.25	2.00
Juniper, Irish, <i>Hibernica</i> , forms an erect dense column of dark green. Effective in cemetery lots, small yards and general landscape planting.		
Juniper, Irish, 5 feet.....	.75	7.50
Juniper, Irish, 4 feet.....	.50	5.00
Juniper, Irish, 3 feet.....	.25	2.50

Juniper, Trailing, *Postrata*., a beautiful native species of odd, trailing growth. It is densely branched and forms wide, thick masses of delicate foliage. Useful for picturesque hillside planting.

Juniper, <i>Prostrata</i> , 3 feet wide.....	1.00
Juniper, English, 4 feet.....	1.50

Berberis Japonica. This splendid plant thrives best in a shady situation, as on a north side of a house; foliage very broad, with five pairs of leaflets; flowers yellow, with long spikes during February and March, followed with dark purple berries; a magnificent shrub.

Japan Barberry, 2 feet.....	.50
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Golden *Retinospora* is one of the hardiest, brightest and most desirable little Evergreens for our climate. It is vigorous, neat and constant in color, the young growths being an especially bright golden tint. Admirably adapted for small yards and general grouping anywhere.

<i>Retinospora Plumosa Aurea</i> , 2 feet.....	1.00
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Colorado Blue Spruce, this exceptionally beautiful specimen tree is now one of the most important in commerce. With little pruning it grows into a dense, symmetrical shape, is hardy, vigorous and long lived. The foliage is of a rich blue or sage color.

Spruce, Colorado Blue, 2 to 3 feet.....	50 to 2.00	
Spruce, Norway, 1 to 2 feet.....	.25	2.50
Spruce, Norway, 3 to 4 feet.....	.50	5.00
Spruce, Douglas, 2 feet.....	.50	5.00
Yucca,.....	10	1.00

Holly.

Holly, American, 4 feet.....	2.00	20.00
Holly, American, 3 feet.....	1.50	15.00
Holly, American, 2 feet.....	1.00	10.00
Holly, American, 1 foot.....	.50	5.00

Fine Trees that will grow, Can remove with a ball of dirt.

Decideous Trees and Shrubs.

Althea(White and Pink) 4 feet.....	.15	1.50
Ash, American, 6 to 8 feet.....	.25	2.50
Berberry Thunbergii, dwarf Japanese variety, small foliage, changing to red in fall.....	.25	2.50
Berberry, Purple Leaved, 4 feet.....	.10	1.00
Birch, European White, 10 feet.....	1.00	10.00
Birch, European White, 6 to 8 feet.....	.50	5.00
Calycanthus(Sweet Shrub), 3 feet.....	.25	2.50
Catalpa Kamferi, 6 feet.....	.25	2.50
Crape Myrtle, 1 foot.....	.25	2.50

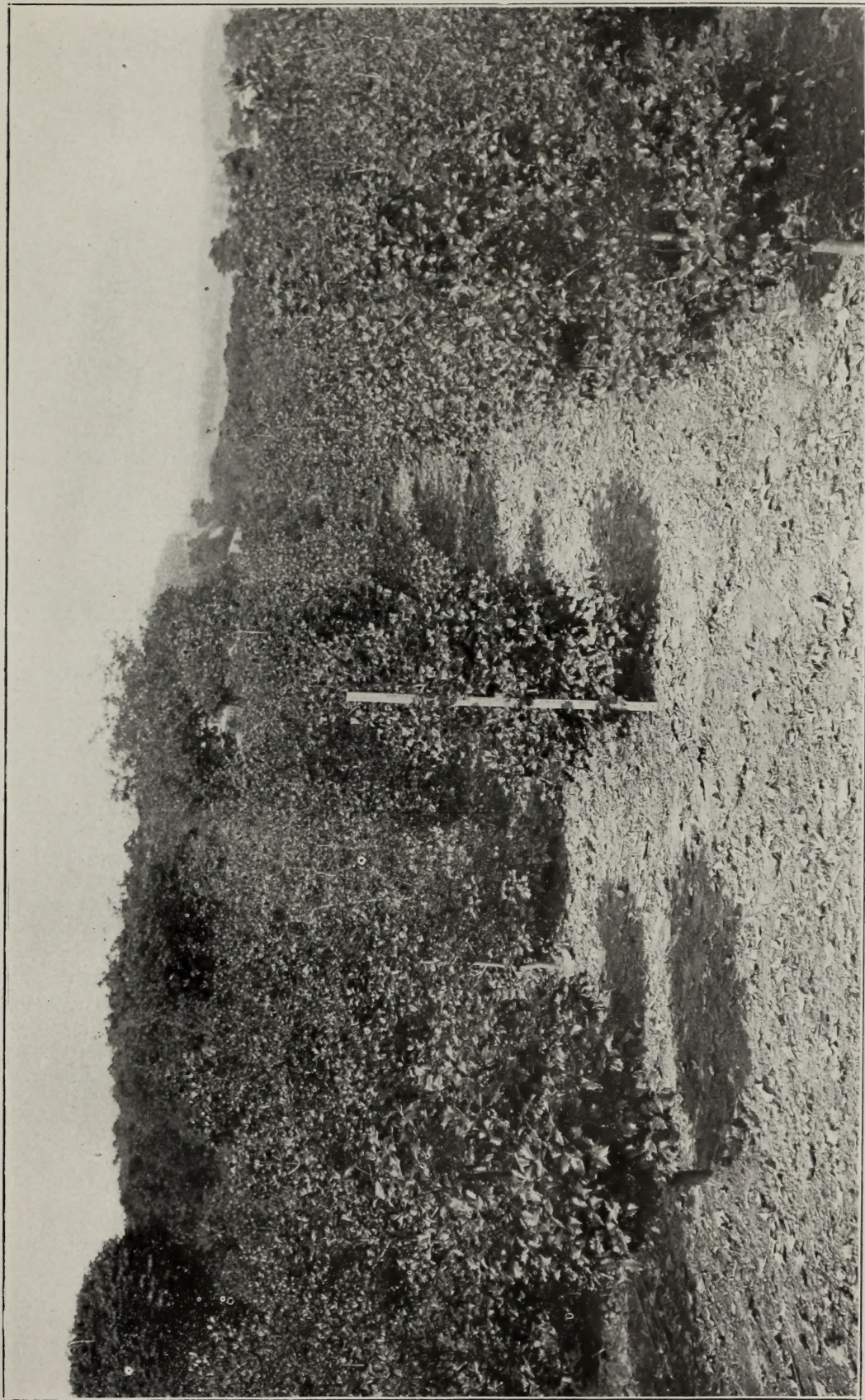
Dogwoods, Cornus, these bloom after the red buds, carrying their great white or red flowers in horizontal masses. They are rated next to the magnolias as spring-flowering trees and next to the scarlet oak in brilliant Autumn foliage. For planting in quantity with other shrubs for screens, or under and among larger trees, nothing could be finer. It has dark red fruits, and it's irregularly whorled branches form flat, spreading tiers.

Dogwood, Red-flowering, is a new and rare sort that blooms at an even earlier age.

Dogwood, Red-Flowering, 5 feet.....	1.00
Dogwood, White Flowering.....	.50
Forsythia Veridissima, 3 feet.....	.15

Hydrangea, P. G., the most popular and widely planted of all shrubs, Showy and blooming during an almost flowerless time, hardy and vigorous in most exposed situations. The white flower panicles are often a foot long.

Hydrangea, P. G., hardy, large.....	.50	5.00
Hydrangea, P. G. hardy, medium.....	.25	2.50
Hydrangea, Oak Leaf.....	.25	
Lilac, White, 2 to 3 feet.....	.15	1.50
Lilac, Purple, 1 to 2 feet.....	.15	1.50
Lilac, Double, White, grafted.....	.50	
Linden, European, 6 to 10 feet.....	.50	5.00



Decideous Trees and Shrubs,--Continued.

	Each	Per Doz.
Maple, soft, 5 to 6 feet, caliper $\frac{3}{4}$ to 1 inch	.25	2.50
Maple, Sugar, 8 to 10 feet	.75	7.50
Maple, Sugar, 5 to 6 feet	.40	4.00
Maple, Norway, 3 feet	.50	5.00
Mulberry, Teas Weeping, 4 feet heads	2.00	
Plum, Purple Leaf	.25	2.50
Philadelphus, 3 feet	.25	2.50
Oak, Mossy Cup, 7 feet	.50	5.00
Poplar, Lombardy, 5 feet	.15	1.50
Poplar, Balsam(Balm of Gilead) 10 feet	.25	2.50
Poplar, Yellow(tulip tree) 5 to 6 feet	.25	2.50
Red Buds, 5 to 6 feet	.25	2.50

Salisburia Adiantifolia,(Maiden Hair Tree). A rapid growing tree, with curious fan-like foliage; erect habit; valuable for avenues and streets.

Salisbruaia (Maiden Hair Tree) 5 feet	.50	5.00
Snowball, Japan, 5 to 6 feet	1.00	
Snowball, Common, 4 to 5 feet	.40	4.00
Snowball, common 2 to 3 feet	.25	2.50
Sweet Gum, 5 to 6	.25	
Spirea, Anthony Waterer, 1 foot	.25	2.50

Tamarix. Tall growing shrubs with slender branches and small delicate leaves, which resemble the Cypress. Flowers small, pink, produced in great abundance,

Japanese Ever Blooming Bush Honeysuckle	.20	2.00
Japanese Golden Bamboo	.20	2.00
Tritoma,(Red Hot Poker Plant.)	.20	2.00
Peonias, Assorted varieties	.20	2.00
Tiger Lily	.20	2.00
Columbine	20	2.00
Fox Glove	.20	2.00
Ribbon Grass	20	2.00

Eulalia, Japonica Variegata. A variegated hardy grass from Japan. In appearance it somewhat resembles the ribbon grass while in a young state. It forms compact clumps six feet in diameter. Its flower stalks are very graceful and numerous, and after several year's trial in our grounds we highly recommend it as a very ornamental grass

20 2.00

Eulalia, Japonica Zebrina. Similar in habit to above, but with its leaves blotched with gold. The stripe, instead of running longitudinally like the former, runs across the leaf.

20 2.00

Dahlia Roots.

We have a fine collection of the best varieties of this beautiful Fall flower. Roots give better results than the cuttings offered by florists. Do not set roots earlier than the first of May.

Orine Emerson, rich dazzling red; Miss Dodd, pure yellow; Mrs. Hartong, light fawn; Mrs. Bryan, lavender; Prince of India, crimson; Star, single lemon stripped cherry; A. D. Lavoni, rich pink; Pure Love, small pale lilac; Bon Ton, red tipped with white, sometimes solid red; Storm King, white; 10 cents each, \$1.00 per dozen.

Cape Jasmine -- Gardenia Florida.

Flowers large, white, and very fragrant; foliage glossy. Requires protection in Winter.
Fine plants 50 cents to \$3.00 each, according to size.

Apple Trees.

2 years old, five to six feet fine.

Early Harvest, Yellow Transparent, Horse, Ben Davis, Limbertwig, and Wine Sap. Each 15 cents; per dozen, \$1.00; per hundred, \$12.00.

Pears.

Kieffar, one year whips, 4 feet, 20 cents each.

Roses.

All strong field grown, 25 cent each, 2.50 per dozen, except where noted.

The Bride—Tea; A lovely pure white, very fragrant Rose, admirably adapted for forcing. The buds have more substance than Niphetos, are very full and double, and possess the good characteristics of Catherine Mermet.

Bridesmaid.—Tea; The pink sport from Catherine Mermet. It is a stronger grower than it's parent, has handsome foliage, is shorter jointed and the flowers are a much livelier pink. A grand variety, and the most popular pink Rose ever introduced, and the best seller.

Clothilde Soupert.—Hybrid Polyantha. 'It's color is a pearl white, with a vivid carmine rose center, which fades after a little, leaving the rose almost white. It is a constant bloomer, quite fragrant, and cannot fail to be a splendid market plant for growing in pots for Spring sales. In addition to it's suitability for market purposes, it will be very useful to the cut flower worker, forming as it does nice sprays of open flowers and half open buds.

Etoile de Lyon.—Tea. This is considered one of the finest yellow bedding Roses for outside planting. It is, moreover, one of the hardiest in the Tea section. It blooms freely, and every flower is a gem. It equals Marschal Neil in size; on strong bushes.

General Jacqueminot.—A rich velvety crimson changing to scarlet crimson. A magnificent Rose, equally beautiful in the bud state or open. This is the best known of all Hybrid Perpetuals and is without a rival in fragrance and richness of color. It is, moreover as easy of cultivation as any of the more common varieties, and perfectly hardy.

Helen Gould, or Balduin.—Hybrid Tea. This is the most beautiful and satisfactory Rose for general planting ever introduced into America. It has proven itself to be the strongest growing, freest blooming, largest flowering and hardiest Rose in existence. It is a better Rose for general planting than the American Beauty—the dream and hope of every Rose grower for years past. The flowers are full and perfectly double, the buds beautifully made, long and pointed. The color is a warm, rosy crimson, like the color of a ripe red water melon. It is as hardy as La France, and one of the best, if not the very best, Rose for Winter blooming.

Kaiserin Augusta Victoria.— Hybrid Tea. This is one of the grandest of all Roses. It is a strong, vigorous grower producing buds and flowers of enormous size. Color pure white. We have no hesitancy in saying that this Rose is unequaled by any other variety of its color. It is a grand Winter bloomer, and is largely forced for cut flowers. A grand garden Rose on account of its vigorous growth and hardiness.

Climbing Kaiserin, Mrs. Robert Peary. This is without doubt, the grandest of all white climbing Roses. It is the first and only pure white, hardy, ever-blooming climbing Rose, and as such meets a demand that has never before been supplied. Small plants bloom continuously the first season, just as the parent, Kaiserin Augusta Victoria does. It is as hardy as any Hybrid Perpetual or Moss Rose, and will withstand unprotected the most severe Winters. It is a strong, rapid grower, growing to perfection in open ground, and throws up numerous shoots ten to fifteen feet high in a single season. The flowers are something grand. They are extra large, full, deep and double, and are produced on long stiff stems. The buds are long and pointed, exquisitely modeled and gracefully finished. It has a fragrance that is delicious, just like Cherry blossoms. If you want a quick growing, absolutely hardy, climbing, sure-to-bloom Rose, one that will give you flowers this season, this is the only white variety that will do. Be sure to get this wonderful variety. Its magnificent flowers, freedom of bloom and healthy growth will astonish you. This is the greatest of all climbing Roses.

La France. Hybrid Tea. No variety can surpass it in delicate coloring—silvery rose shades, with pink. It has a satin sheen over all its petals. It is universally regarded as the most useful of Roses, for it is hardy beyond question. It blooms continuously.

Maman Cochet. Tea. The Pink Cochet. No Finer Rose than this. This Rose attracted our attention from the very first time we saw it in flower. It comes from France—the country that has produced nearly all of our best Roses. We are not alone in our admiration of it, as all the visitors to our establishment the past season have been unstinted in its praise. It is a vigorous grower, with beautiful, pretty foliage. In bud it resembles the Mermet family, being long and shapely produced on long, stiff stems. It is of the largest size, and, you will notice, the flower is built up or rounded and very double. The color is a deep, rosy pink, the inner side of the petals being a silver Rose, shaded and touched with golden yellow. We pronounce this the finest Rose by far that has been introduced from France in the past five years. No Rose surpasses it in vigorous growth and in the immense size of its buds and flowers. Indeed, nothing in the Tea family approaches it in size. Deliciously fragrant.

Paul Neyron. Deep, shining rose, very fresh and pretty; flowers very large, often measuring five inches in diameter. Without doubt the largest flower of all Roses, and has this merit—though very large, the buds will develop fine, perfect Roses. It is more over, a good, strong grower, with nice, almost thornless stems, which often attain six to seven feet in a single season. We know of no Rose possessing so many good points to recommend itself as the Paul Neyron. Grown by thousands in the Eastern cities, for its good, free-blooming qualities,

Winnie Davis, Hybrid Tea. This excellent Rose was raised from seed, being a cross between the famous Empress Augusta Victoria and the well known Belle Siebrecht. The color is apricot pink, shading to a flesh tint at base of petals, buds oblong and well formed, when fully expanded resembles a sunburst, most peculiar and most strikingly beautiful. Its habits are vigorous and robust very free-blooming, each eye producing flowers; also has the disposition of throwing up vigorous shoots from the roots, producing three to eight blooms, its peculiar fragrance like luscious apricots. For the Middle and Southern States we claim the Winnie Davis to be an acquisition second to none introduced in recent years.

Winter Gem. Tea. This is a Tea Rose of remarkably strong and vigorous growth, and a prodigious bloomer all the year. It flowers all the time, particularly during the Winter, hence its name. The blossoms are of large size and a lovely crimson purple color. Buds perfectly exquisite and the open flower full and double. It is the strongest, hardiest, most vigorous and rapid growing Tea Rose in cultivation. One plant will produce more good Roses throughout the year than any other Tea Rose grown. The plant will bloom continually, and nothing but killing it outright will check it. A great Rose for amateurs, and one that will bloom in any window at all times of the year.

American Beauty, the finest red rose in the World 50cts. each.
Aggrippena, red, not good for cut flowers, but for a yard rose, will make more show than any rose that we know of. 25cts. \$2.50 per dozen.

Jubilee. —This grand Rose was awarded the gold medal by the Massachusetts Horticultural Society, the only Rose to obtain that honor. It is the finest dark red hardy garden Rose yet produced. A pure red in its deepest tone, shading to deep crimson red and velvety maroon red in the depths of the petals. It fairly glows in it's rich warmth of coloring, and has a rich, velvety finish of its own containing the darkest color combined with pure of which nature is capable. It is a hardy ever bloomer and a acquisition to any collection of Roses.

Climbing Roses.

25 cts. each. \$2.50 per dozen.

Crimson Rambler, White Rambler, Marshal Neil (50cts.), Empress of China, Climbing Clotilde Soupert.

Memorial Roses, == Roamers.

25 cts. each. \$2.50 per dozen.

Gardenia (yellow), Universal Favorite (pink).

Hedge Plants.

Amoor River Privet. Hedges of this desirable evergreen have for years past, been noted for their perfect shape and appearance. It far surpasses the California Privet, which assumes a dingy green tint in early winter, and drops its leaves before the winter is over; where as the Amoor Privet retains its brigh green color throughout the entire year. Immense quanttiies of this plant has been propagated and sold since 1886, for planting hedges which are now to be found in every section of the Southern states. It has stood a cold of 20 degrees below zero in Western North Carolina and is equally successful in South Florida, thus withstanding both extremes of the heat and cold. It is therefore the most desirable of all broad-leaved evergreens, where a tall hedge is desired. It is a very rapid grower and adapts itself to any soil, not to arid or a swamp. If properly treated a good hedge may be expected in two years after planting. Set plants 8 inches apart in ordinary soil; but in very rich land 12 inches distance may be given. It is is a fine ornamental shrub when grown singly.

Flowers white in tapering racemes.

2 to 3 feet, 10cts. each. 50cts. per dozen. \$4.00 per 100.

California Privet, a plant that is very extensively advertised and planted for hedges.

3 to 4 feet, 10cts, each, 50cts. per dozen. \$3.00 per 100.

1 foot..... \$2.00 per 100.

Boxwood, desirable for edging walks and any place where a low hedge is required.

2 feet 50cts. \$4.00 per dozen, \$22.50 per 100.

1 foot 25cts. each \$2.50 per dozen. \$18.00 per 100,

Grape Vines.

Brighton (red), Concord (black), Delaware (red), Lutie (red), Moore's Early (black), Niagara (white). These we consider the best of many hundred varieties. 10 cents each. \$1.00 per doz.

Currants

Red Cross. The best kind for this climate. 10cts. each \$1.00 per dozen.

Straw-berries.

Howell's No. 2. the best berry for all purposes that has yet been introduced. One of the largest berries known of; good qualitest and plants very healthy. This berry has been well tested and always commands the highest price.

50 cts per 100, \$3.00 per 1000.

Bubach. large, heavy Cropper, one of the standards.

50cts. per 100. \$3.00 per 1000.

Lady Thompson, there is more of this berry planted for the early crop than all others combined

50 cts. per 100 \$3.00 per 1000.

"3 W". This is a new berry that originated near Harriman Tenn., and has been the wonder of all who saw it. It belongs to the everbearing class. If interested send for circulars.

\$1.00 per 100 sold on contract.

We can furnish a few hundred plants of several varieties not listed here.

Goose-berries.

Mt. Seedling, 18 inch 10cts. each \$1.00 per dozen.

Downing, 12 inch 10 cts. each \$1.00 per dozen.

Dew-berries.

Austins Improved. \$2.00 per 100.

Cherry Trees.

Early Richmond, English Morella, and Montmarency. 25cts. each, \$2.50 per dozen.

Asparagus.

Columbian Mammoth White, 50 cts. per 100; \$3 per 1,000.

Rhubard roots; 10 cents each; 75 cent per dozen; \$5.00 per 100.

Sage.

Holt's Mammoth. The great leaved Sage of commerce. Useful as a culinary article. Also a beautiful pot plant. 40 cents per dozen; \$2.00 per 100. \$20.00 per 100.

Helianthus.

Hardy Sunflower. This fine plant will live through our Northern Winters with protection, or can be wintered in the cellar. Height three to four feet, and bears a profusion of perfectly double, bright golden flowers, about the size and form of a nice Dahlia, for which it is sometimes mistaken. One of the really goodthings which should be in every garden. 40 per dozen; \$2.50 per 100.

Bulbs.

We will have a good stock of Caladium, Tuberose and Gladioli bulbs in March and April.

We have a small stock of the following plants, which we can furnish at 25 cents each or \$2.00 a dozen.

Crocus Japonicus, 18 inch.
Penus Ponderosa, 2 feet.
Rosedale Arbovitae, 18 inch.
Oakleaf Hydrangea, 3 feet,
Live Oak, 2 feet.
Tamarix, 2 feet.
Yellow Jasminum.
Boston Ivy.
English Ivy,

Invitation.

A cordial invitation is extended to every one interested in our line to come out to the nurseries, which are located one mile east of the city, on the Strawberry Plains Pike, (Jackson Ave. car runs five hundred yards from front entrance.) and let us show what have to offer.

We will be glad to furnish estimates on Park, Cemetary and other Landscape work.
Entomologists certificate of health with every shipment.

Howell Nurseries.

1904
E. G. Hasley & Co.,
Print.
Knoxville, Tenn.